

ANNUAL REPORT OF OPERATIONS FOR YEAR 2014
Idaho Aquaculture Permit

I. Facility Name: Hagerman National Fish Hatchery	NPDES # IDG-13-0004
Operator Name (Permittee): U.S. Fish and Wildlife Service	Phone: 208-837-4896
Address: 3059-D National Fish Hatchery Road Hagerman, ID 83332	Fax: 208-837-6225
Owner Name (if different from operator): n/a	E-Mail: craig_eaton@fws.gov
	Phone: n/a

II. Annual Production: *Harvestable weight produced in the year:* 334,295 pounds

III. Food Used: *Number of pounds of food fed to the fish during the maximum month:* 63,593 pounds

IV. Noncompliance Summary:

Include description & dates of noncompliance, the reason for such incident, and the steps taken to correct the problem. Attach additional pages, if necessary.

Exceeded the average monthly net total phosphorous limitation of 17.8 lb/day on March 4th during the first quarter sampling period. Please see attached letter with Subject Line: Other Noncompliance Report for further details.

V. Best Management Practices (BMP) Plan

BMP Plan has been reviewed this year. Yes ☒ No ☐

BMP Plan fulfills the requirements set forth in the permit: Yes ☒ No ☐

Summarize changes in the BMP Plan since last annual report:

BMP now includes standard operating procedures for a newly constructed recirculating aquaculture system that will utilize 1.5 cfs of water to rear 90,000 fish to 4.5 fish to the pound.

BMP now reflects that the number of raceways used to rear steelhead was reduced from 66 to 54

Discontinue use of screen washing pad due to installation of RAS building.

VI. Land application of solids and/or irrigation with wastewater

Attach Maps of Application Sites. (Note: IDAPA 58.01.02.650 requires IDEQ approval for solids disposal on land).

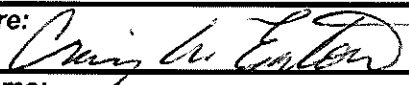
Date	Location and Acreage of Application	Solids Applied in Cubic Yards or Pounds	Wastewater Applied in Gallons
6/2/2014	n/a	18 yd ³ *	n/a
7/2/2014	n/a	19 yd ³ *	n/a
		*Kept on site for composting	
Yearly Total		37 yd ³	

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VII. Offline Settling Basin Discharge Frequency (generally)			
3	# hours/day	4	# days/week
12	# months/year	or Other	
VIII. Chemical Usage (including pesticides and drugs)			
Chemical	Date or # days used	Maximum concentration in effluent (actual or estimated)	
1.75% Iodine	4 days	n/a	
Argentyne	11 days	n/a	
Chlorine (6% Bleach)	8 days	n/a	
Conductivity Cal Sol	12 days	n/a	
Florfenicol	50 days	6.3 ppb	
Lysol Disinfectant	3 days	n/a	
MS 222	10 days	n/a	
Parasite-S	43 days	2 %	
pH Calibration Sol	6 days	n/a	
Potassium Permanganat	17 days	505 ppb	
Sodium Thiosulfate	11 days	n/a	
Virkon	35 days	n/a	
IX. Fish Importation, Transport, and Release Permits			
Number of permits issued by Idaho Department of Fish and Game during the year:			n/a*
For which species?			*See IDFG Import/Transport Permit Flow Chart Attachment
X. Inspections and Repairs for production and wastewater treatment systems			
Date Inspected	Date Repaired	Description of system inspected and/or repaired	
5/19/2014	No Repairs	Hatchery 1 tanks were visually inspected during screen installation	
6/10/2014	No Repairs	Hatchery 2 tanks were visually inspected during screen installation	
3/22/2014	No Repairs	RBT Raceway damboards reset	
3/22/2014	No Repairs	RBT Raceways were visually inspected during dessication period	
7/18/2014	No Repairs	Cell 1 of OLSB visually inspected during dessication period	
6/25/2014	No Repairs	Cell 2 of OLSB visually inspected during dessication period	
7/22-25/14	No Repairs	SST Raceway damboards reset	
7/25/2014	No Repairs	SST Raceways were visually inspected during dessication period	
7/25/2014	7/25/2014	Patched holes in the bottom of the following SST raceways with Sikoflex: 40,47,49,72,76,83,91,92,93,94,102	
XI. Signature & Certification			
<p>"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure the qualified personnel properly gather and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."</p>			
Signature: 		Title/Company: Project Leader/USFWS	
Print Name: Craig Eaton		Date: 1/12/2015	

DETAILED DIAGRAM OF FISH PRODUCTION AREA OF HAGERMAN NATIONAL FISH HATCHERY

* Application sites
of solids

Storage
site of
solids

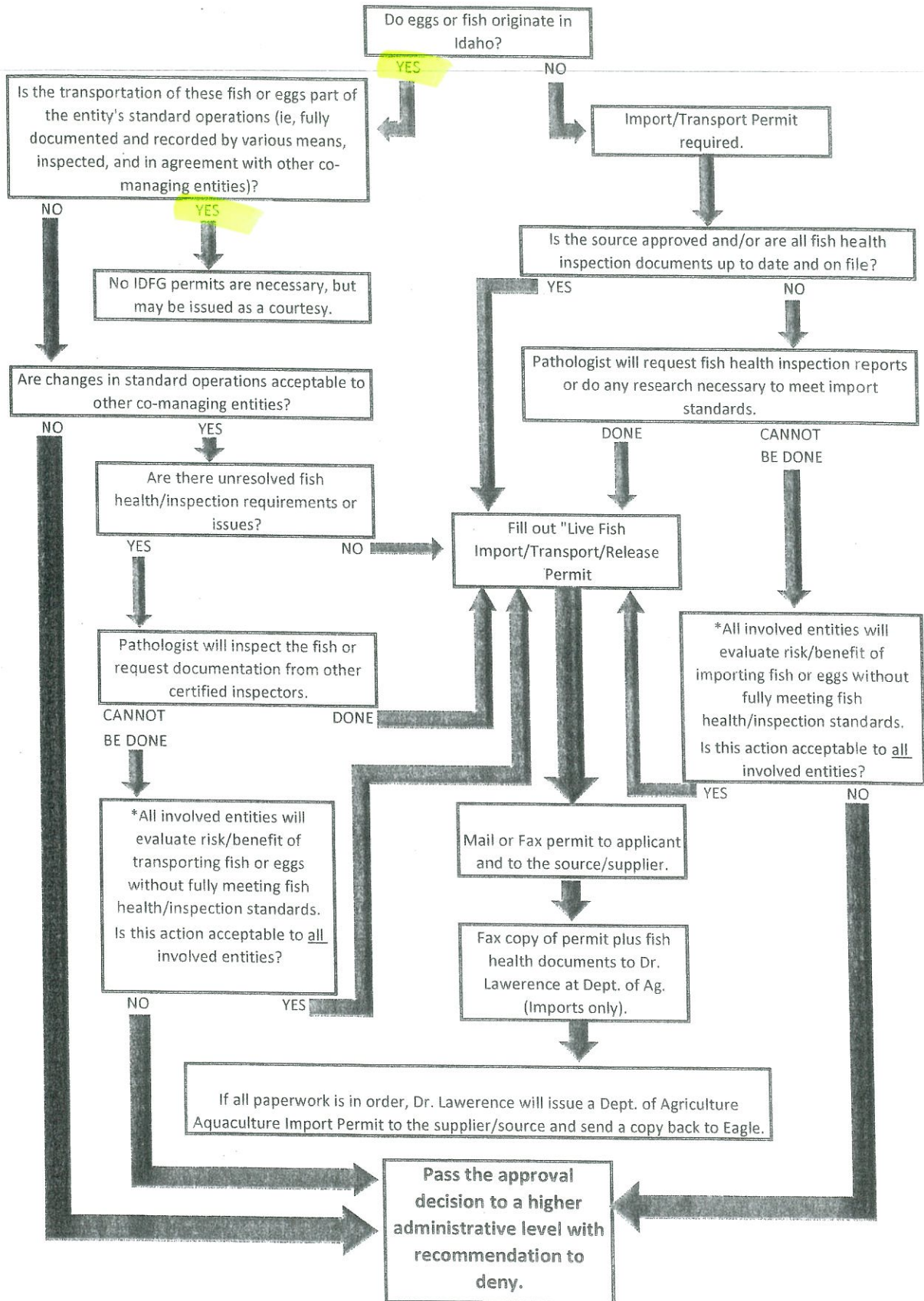


IMPORT/TRANSPORT PERMIT FLOW CHART (EFHL)

Co-Managers

Including, but not limited to: Native Tribes, Idaho Power Co., Federal and other government agencies.

This process is usually completed at EFHL without the involvement of the Regions or any fees.



* This option is available for special circumstances only (e.g. T&E species that can not be sacrificed).



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Hagerman National Fish Hatchery
3059-D National Fish Hatchery Road
Hagerman, Idaho 83332
(208) 837-4896

April 8, 2014

U.S. Environmental Protection Agency
Region 10, OWW-130
1200 Sixth Ave. Suite 900
Seattle, WA 98101

Subject: Other Noncompliance Report

To: NPDES Compliance Officer Region 10

We are reporting a noncompliance quarterly sampling event that took place on March 4th 2014. Our sample results (18.48 lbs. /day) indicated that we exceeded the Average Monthly Net Total Phosphorus limitation of 17.8 lbs. /day, however not the Maximum Daily limitation of 26.3 lbs./day. This is a water quality based limitation not technology based, was not an upset condition and was the only sample taken for the quarter. March is this facility's heaviest loading month and therefore the highest in the quarter. At this time, feeding rates have been reduced and fish numbers have been reduced due to normal fish stocking. This is a one-time occurrence and not a continuing noncompliance. We spoke with Mr. Chris Gebhart, Region 10 Compliance Officer, about whether this was a 24 hour reportable noncompliance. We agreed that this did **not** qualify as a 24 hour reportable noncompliance but instead an "other noncompliance". There was no risk to health, environment or listed Snake River Snail species. There was not an unanticipated bypass and no unauthorized discharge occurrence. Mr. Gebhart advised us in the future to sample early in the quarter or by doing an additional sampling early in the month to allow us time to obtain a second sample to average if necessary.

Sincerely,

Craig Eaton
Hatchery Manager
Hagerman National Fish Hatchery


cc: Dr. Balthasar Buhidar
Idaho DEQ Regional Manager- Water Quality
Twin Falls, Idaho Regional Office

Idaho Aquaculture
Quality Assurance Plan
(QA Plan)
Certification

Facility Name: Hagerman National Fish Hatchery
NPDES Permit Number: IDG-13-0004

The QA Plan is complete and is available upon request to EPA and IDEQ.
The QA Plan is being implemented by trained employees.
The QA Plan has been reviewed and endorsed by the facility manager.
The individuals responsible for implementation of the QA Plan have been properly trained.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature: 	Title/Company: <u>Project Leader / FWS</u>
Print Name: <u>Craig Eaton</u>	Date: <u>1/12/2015</u>

An existing discharger must submit this certification within 90 days of the effective date of this permit. For a new permittee, this certification must be submitted no later than the written Notice of Intent to be covered under this permit. The certification must be submitted to EPA and to the responsible IDEQ office (§I.C.1 of the permit).

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Idaho Aquaculture
Best Management Practices Plan
(BMP Plan)
Certification

Facility Name: Hagerman National Fish Hatchery
NPDES Permit Number: IDG-13-0004

The BMP Plan is complete and is available upon request to EPA and IDEQ.

The BMP Plan is being implemented by trained employees.

The BMP Plan has been reviewed and endorsed by the facility manager.

The individuals responsible for implementation of the BMP Plan have been properly trained.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature: 	Title/Company: <u>Project Leader / FWS</u>
Print Name: <u>Craig Eaton</u>	Date: <u>4/12/2015</u>

An existing discharger must submit this certification within 90 days of the effective date of this permit. For a new permittee, this certification must be submitted no later than the written Notice of Intent to be covered under this permit. The certification must be submitted to EPA and to the responsible IDEQ office (§I.C.1 of the permit).

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